

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

APR 19 2007

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COMPLETE IF KNOWN

Application Number	10/579,596
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Filing Date	May 17, 2006
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First Named Inventor	Harada et al.
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Group Art Unit	1647
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Examiner Name	--
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Attorney Docket Number	21351YP
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Sheet

1

of

3

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number	Kind Code (if known)		
			WO 02/092015		Genome Therapeutics Corporation/Wyeth	11/21/2002
			WO 00/52047		Millennium Pharmaceuticals, Inc.	09/08/2000
			WO 99/22000		Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts	05/06/1999
			WO 98/46755		Millennium Biotherapeutics, Inc.	10/22/1998
			WO 98/46743		The Wellcome Trust Limited as trustee to The Wellcome Trust/Merck & Co., Inc.	10/22/1998

Examiner
Signature

/Daniel Gamett/ (01/15/2008)

Date
Considered

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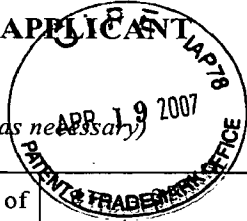
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Substitute for form 1449B/PTO

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Sheet 2 of

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
	AA	Bafico et al., Nature Cell Biology, Vol. 3 (2001), pp. 683-686, "Novel mechanism of Wnt signalling inhibition mediated by Dickkopf-1 interaction with LRP6/Arrow"
	AB	Bennett et al., J. of Biol. Chem., Vol. 277 (2002), pp. 30998-31004, "Regulation of Wnt signaling during adipogenesis"
	AC	Boyden et al., N. Eng. J. of Med., Vol. 346 (2002), pp. 1513-1521, "High bone density due to a mutation in LDL-receptor-related protein 5"
	AD	Davidson et al., Development, Vol. 129 (2002), pp. 5587-5596, "Kremen proteins interact with Dickkopf1 to regulate anteroposterior CNS patterning"
	AE	Fujino et al., PNAS, Vol. 100 (2003), pp. 229-234, "Low-density lipoprotein receptor-related protein 5 (LRP5) is essential for normal cholesterol metabolism and glucose-induced insulin secretion"
	AF	Glinka et al., Nature, Vol. 391 (1998), pp. 357-362, "Dickkopf-1 is a member of a new family of secreted proteins and functions in head induction"
	AG	Gong et al., Cell, Vol. 107 (2001), pp. 513-523, "LDL receptor-related protein 5 (LRP5) affects bone accrual and eye development"
	AH	Hey et al., Gene, Vol. 216 (1998), pp. 103-111, "Cloning of a novel member of the low-density lipoprotein receptor family"
	AI	Hsu et al., Molecular and Cellular Biol., Vol. 18 (1998), pp. 4807-4818, "Modulation of transcriptional regulation by LEF-1 in response to Wnt-1 signaling and association with beta-catenin"
	AJ	Katagiri et al., J. of Cell Biology, Vol. 127 (1994), pp. 1755-1766, "Bone morphogenetic protein-2 converts the differentiation pathway of C2C12 myoblasts into the osteoblast lineage"
	AK	Kato et al., J. of Cell Biology, Vol. 157 (2002), pp. 303-314, "Cbfa1-independent decrease in osteoblast proliferation, osteopenia, and persistent embryonic eye vascularization in mice deficient in Lrp5, a Wnt coreceptor"
	AL	Krupnik et al., Gene, Vol. 238 (1999), pp. 301-313, "Functional and structural diversity of the human Dickkopf gene family"
	AM	Li et al., The EMBO Journal, Vol. 18 (1999), pp. 4233-4240, "Axin and Frat1 interact with Dvl and GSK, bridging Dvl to GSK in Wnt-mediated regulation of LEF-1"
	AN	Little et al., Am. J. Hum. Genet., Vol. 70 (2002), pp. 11-19, "A mutation in the LDL receptor-related protein 5 gene results in the autosomal dominant high-bone-mass trait"
	AO	Magoori et al., J. of Biol. Chem., Vol. 278 (2003), pp. 11331-11336, "Severe hypercholesterolemia, impaired fat tolerance, and advanced atherosclerosis in mice lacking both low density lipoprotein receptor-related ..."

Examiner Signature

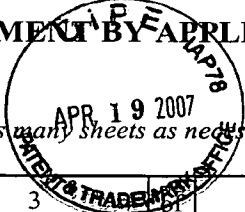
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	AP	Mao et al., Gene, Vol. 302 (2003), pp. 179-183, Kremen2 modulates Dickkopf2 activity during Wnt/LRP6 signaling"
	AQ	Mao et al., Molecular Cell, Vol. 7 (2001), pp. 801-809, "Low-density lipoprotein receptor-related protein-5 binds to axin and regulates the canonical Wnt signaling pathway"
	AR	Mao et al., Nature, Vol. 411 (2001), pp. 321-325, "LDL-receptor-related protein 6 is a receptor for Dickkopf proteins"
	AS	Mao et al., Nature, Vol. 410 (2002), pp. 664-667, "Kremen proteins are Dickkopf receptors that regulate Wnt/beta-protein signaling"
	AT	Patel et al., N. Eng. J. Med., Vol. 346 (2002), pp. 1572-1574, "Regulation of bone formation and vision by LRP5"
	AU	Semenov et al., Current Biology, Vol. 11 (2001), pp. 951-961, "Head inducer Dickkopf-1 is a ligand for Wnt coreceptor LRP6"
	AV	Sjolander et al., Anal. Chem., Vol. 63 (1991), pp. 2338-2345, "Integrated fluid handling system for biomolecular interaction analysis"
	AW	Szabo et al., Current Opin. in Structural Biol., Vol. 5 (1995), pp. 699-705, "Surface plasmon resonance and its use in biomolecular interaction analysis (BIA)"
	AX	Yuan et al., J. of Biol. Chem., Vol. 274 (1999), pp. 30419-30423, "Suppression of glycogen synthase kinase activity is not sufficient for leukemia enhancer factor-1 activation"
	AY	Yamaguchi et al., Biochem. and Biophys. Res. Comm., Vol. 220 (1996), pp. 366-371, "Effects of BMP-2, BMP-4, and BMP-6 on osteoblastic differentiation of bone marrow-derived stromal cell lines, ST2 and ..."

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